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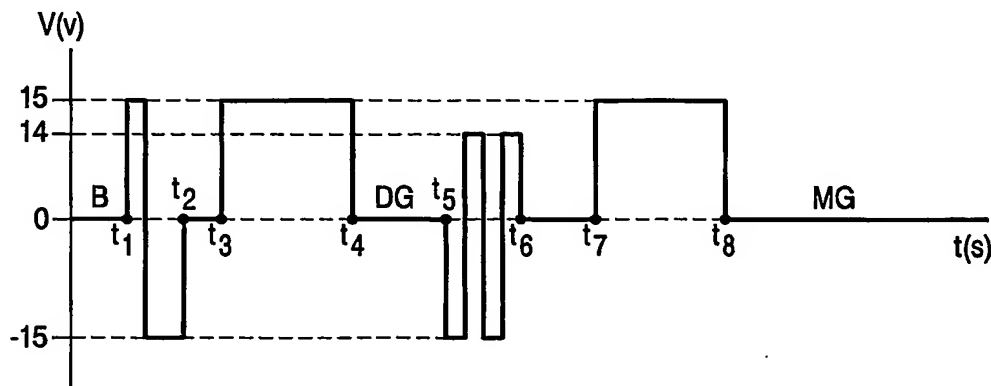
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(54) Title: ELECTROPHORETIC DISPLAY PANEL



(57) Abstract: The electrophoretic display panel (1) for subsequently displaying pictures has a plurality of picture elements (2) and drive means (100). The drive means (100) are able to supply to each picture element (2) a picture pulse. Each picture pulse is a sequence of potential difference pulses and has a response-increasing pulse for increasing the ability of the particles (6) to respond to the potential difference without substantially changing the position of the particles (6), and a drive pulse for bringing the particles (6) into one of the positions for displaying the respective picture. For the display panel (1) to be able to have reduced image retention, less disturbing visual effects than in a method using reset pulses, and a shorter picture update time than in a method using short pulses, with respect to at least a number of the picture elements (2), for each picture element (2) out of said number the display panel (100) further comprises averaging means (200) for providing information with respect to an accumulation of charge in the picture element (2), which accumulation of charge is a result from picture pulses preceding the response-increasing pulse, and the drive means (100) being further arranged to select, based on the information, a time average of the response-increasing pulse to reduce an undesired charge accumulation in the picture element (2).

WO 2005/034076 A1



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